FIG. 1

$Mg_{97}Zn_1RE_2$ (La, Yb, Y)

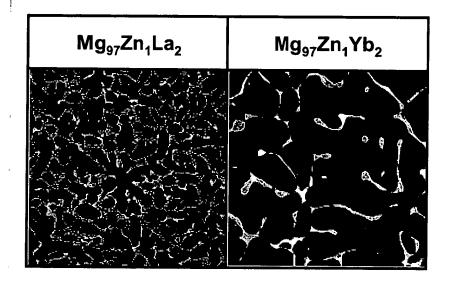
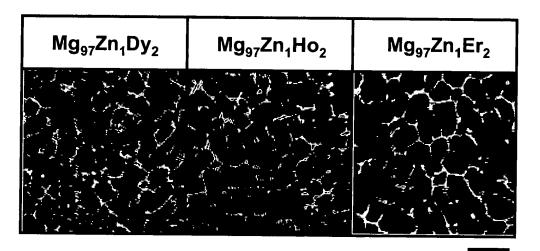


FIG. 2

Mg₉₇Zn₁RE₂ (APPEARANCE OF LPSO)



100µm

FIG. 3

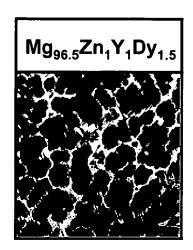
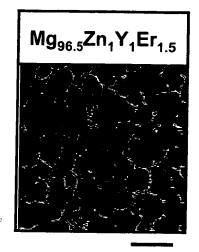


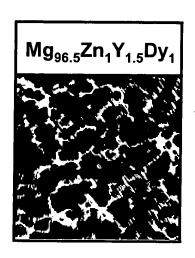
FIG. 4



100μm

FIG. 5

$Mg_{96.5}Zn_1Y_{1.5}RE_1$



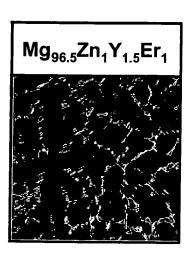
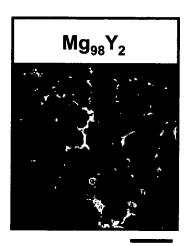


FIG. 6

 $100\mu m$ Mg₉₇Zn₁Lu₂ Mg₉₇Zn₁Sm₂ Mg₉₇Zn₁RE₂ (NO APPEARANCE OF LPSO) Mg₉₇Zn₁Tm₂ Mg₉₇Zn₁Nd₂ Mg₉₇Zn₁Pr₂ Mg₉₇Zn₁Eu₂ Mg₉₇Zn₁Ce₂

FIG. 7

REFERENCE (Mg-Y binary alloy)



100µm

FIG. 8

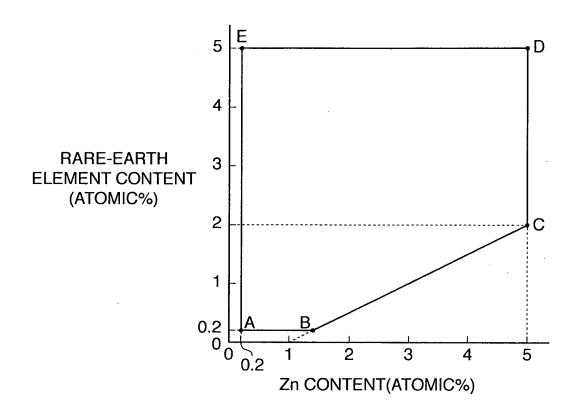


FIG. 9

